

Flexible liners installation manual

Before starting the liner installation, check the state and patency of the chimney. Next, clean and measure the chimney.

Determine the location of the connection tee, inspection unit, and (if needed) the draught controller relative to the boiler's gas output. Consider an easy access to the inspection. Cut an opening in the wall for inserting the above mentioned elements. Keep additional space for connecting them with other elements, if needed.

Level the base under inspection with condensate tray. Cut a groove for the condensate hose, to enable its gentle lead out of the chimney wall or towards the neutrizer. If using fresh mortar is necessary, separate it from the condensate tray with a piece of additional insulation (ex. rockwool).

Inspection branch is long enough for the thickness of a typical chimney wall and it should be positioned across the wall. If the wall is thicker, the inspection branch should be extended with a pipe.

Connection tee can be mounted directly on the inspection unit or on a needed amount of straight pipes to reach the demanded height of the boiler connection.

If the chimney will be operating in underpressure, it is enough to use the socket connection with locking bands.

After mounting the inspection unit and connection tee, measure the needed length of the flexible tube. Consider the excess needed for socket connection. The flexible tube is delivered folded into a coil. Unfold it gently to avoid unnecessary bends. Cut the tube to the needed length.

Consider the gas flow direction, marked by the producer with arrows on the tube (arrows should point upwards).

When mounting the double-layer DUOFLIX tubes, make sure that the bending angle is not smaller than 3 times tube diameter. The angle of inclination of the chimney shaft should not exceed 30 degrees from vertical. Unproper installation can cause damage of the flexible chimney liner.

All connection between elements should be sealed with a special sealant resistant to temperatures of 300°C.

If the chimney liner will be operating in underpressure, it should be ended with a roof cover and a rain cap „Parasol” or „Inzektor”.

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After mounting all the elements of the chimney liner, connect the boiler/stove gas output to the liner.